

CLAIMS

What is claimed is:

- Sub A1
1. A system, comprising:
 - a first portable thread environment (PTE), comprising a diagnostic tool;
 - a second PTE configured to receive and send threads;
 - a third PTE configured to receive and send the threads; and
 - a PTE router configured to receive the threads and route said threads, wherein the router copies the threads and routes the copies to the diagnostic tool.
 2. The system of claim 1, wherein the diagnostic tool uses the copies to generate diagnostic messages.
 3. The system of claim 2, wherein the diagnostic messages show the threads' execution order.
 4. The system of claim 2, wherein the diagnostic messages show all messages generated by the threads.
 5. The system of claim 2, wherein the diagnostic messages show all messages generated for the threads.
 6. The system of claim 2, wherein the diagnostic messages trigger new events to be performed.
 7. The system of claim 2, wherein the diagnostic tool identifies the threads source.

7 displaying the diagnostic message, wherein the diagnostic message shows the
8 threads' execution order.

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1 22. The computer-readable medium of claim 21, wherein the diagnostic message
2 shows all messages generated by the threads.

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1 23. The computer-readable medium of claim 21, wherein the diagnostic message
2 shows all messages generated for the threads.

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1 24. The computer-readable medium of claim 21, wherein the diagnostic message
2 triggers new events to be performed.

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1 25. The computer-readable medium of claim 21, wherein the diagnostic tool
2 identifies the threads' sources.

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1 26. The computer-readable medium of claim 21, wherein the diagnostic tool
2 truncates the threads exceeding a predetermined size.